

FIG.1

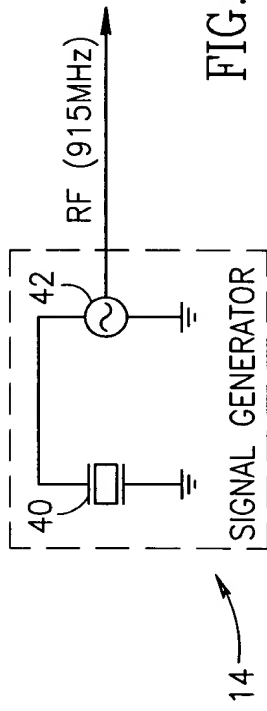


FIG. 2

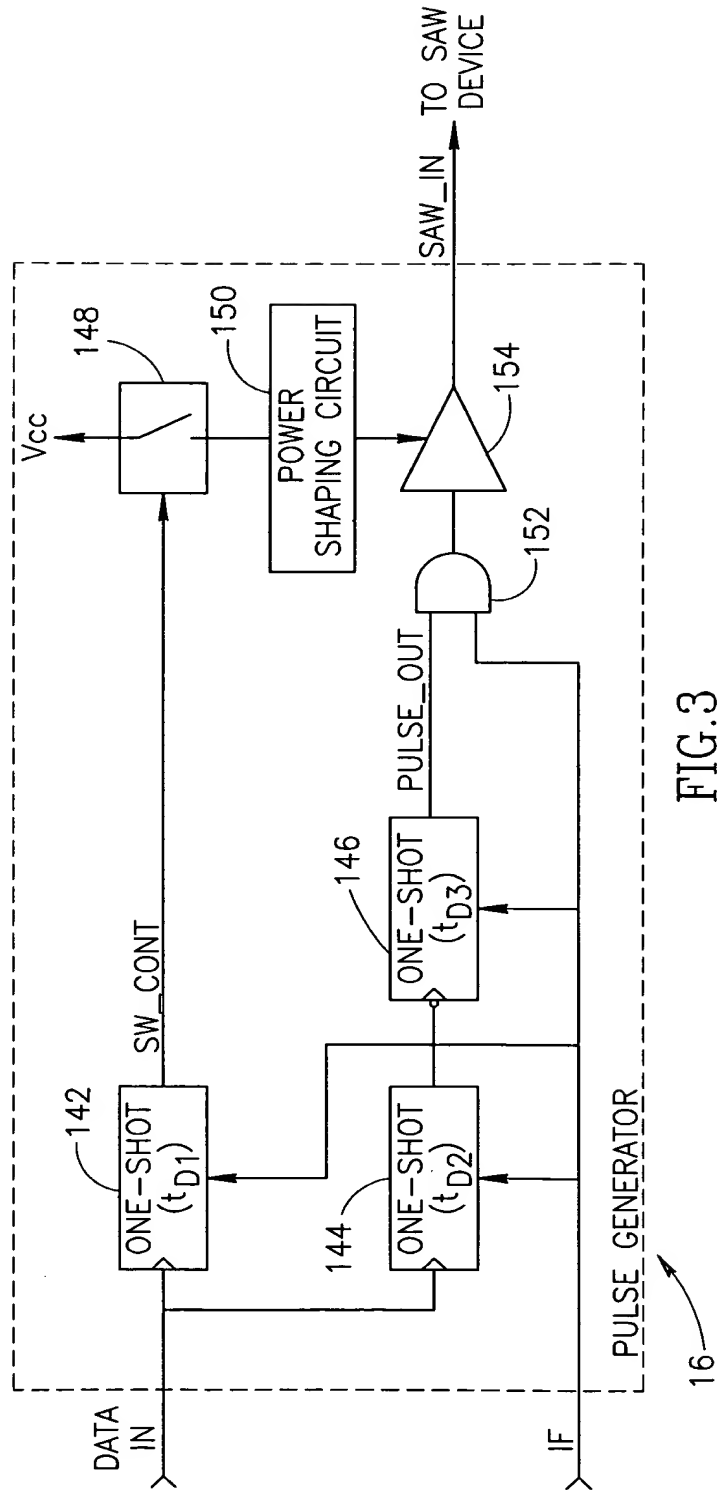


FIG. 3

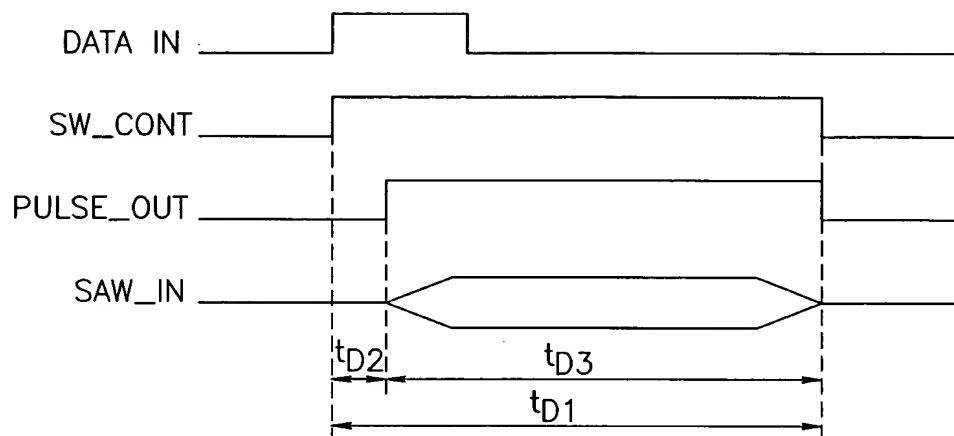


FIG.4

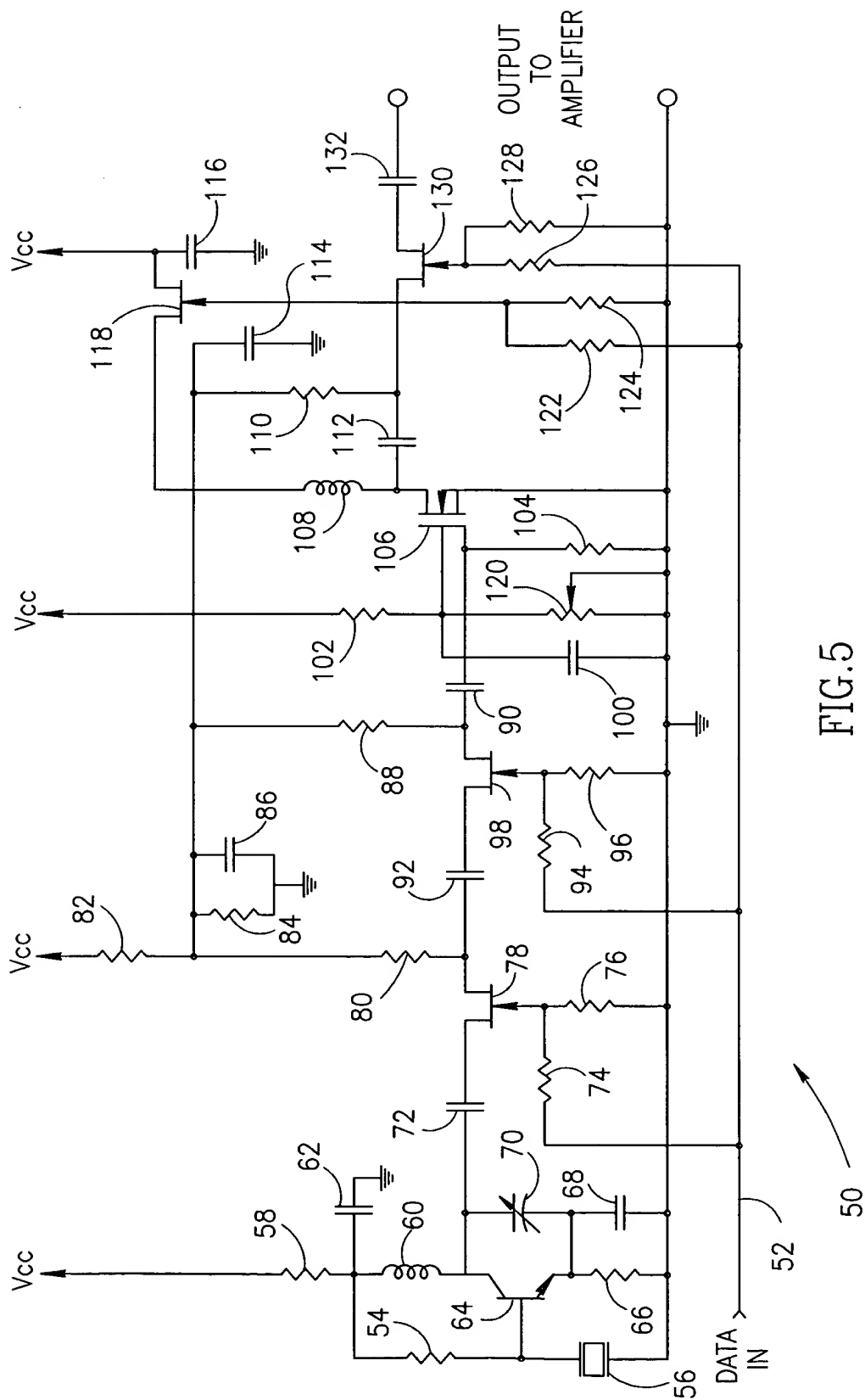
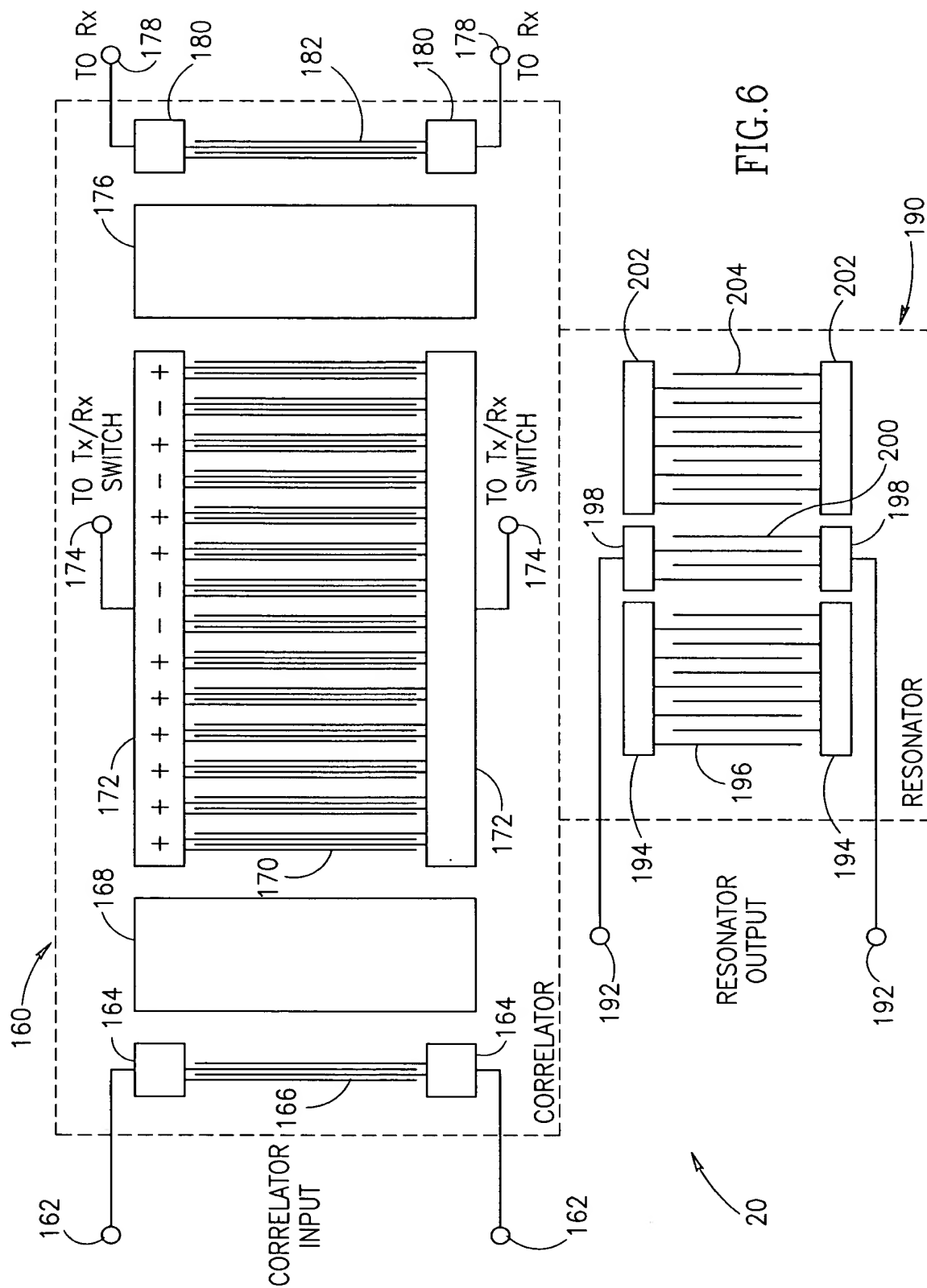


FIG. 5



1

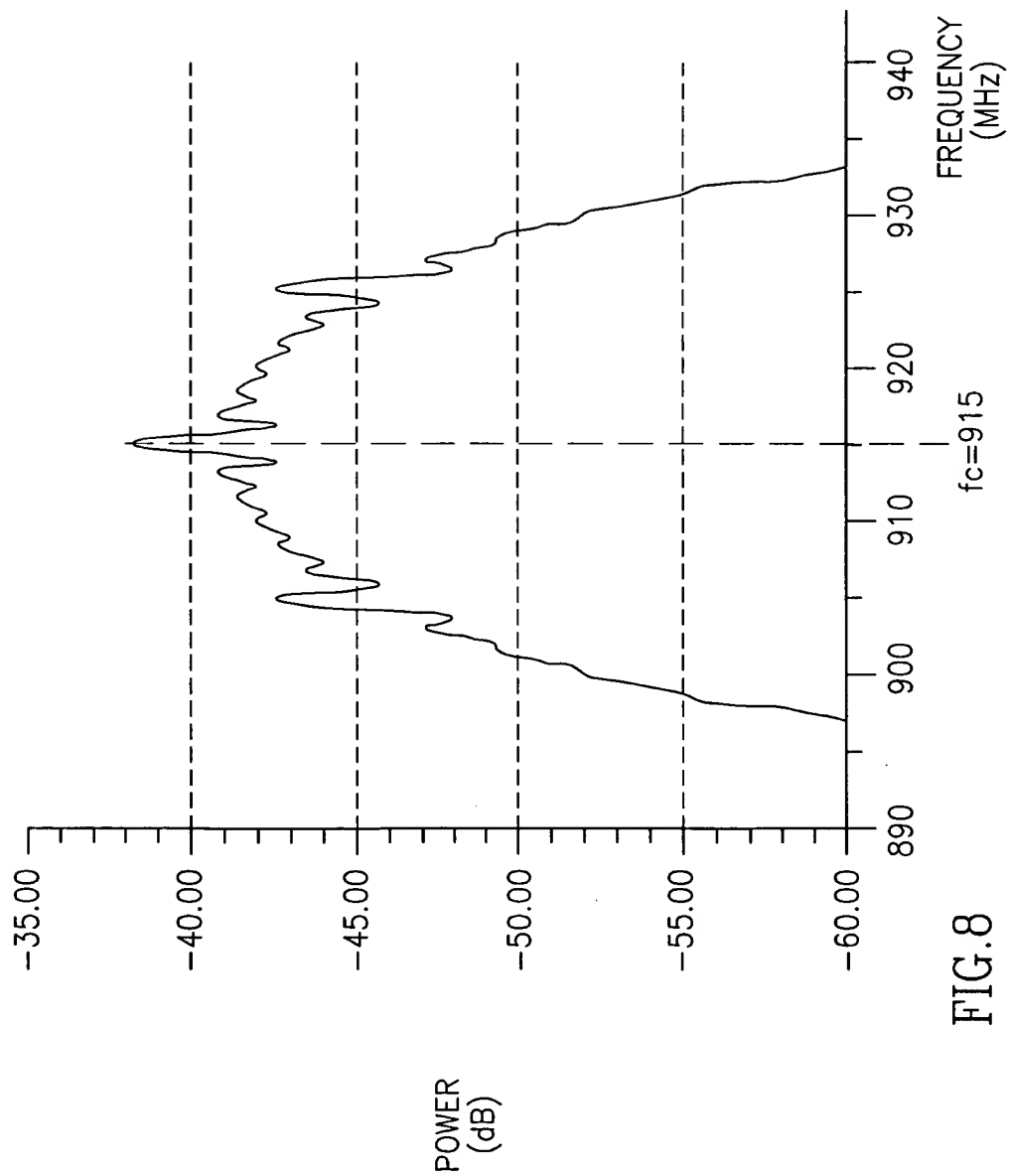


FIG.8

POWER ↑

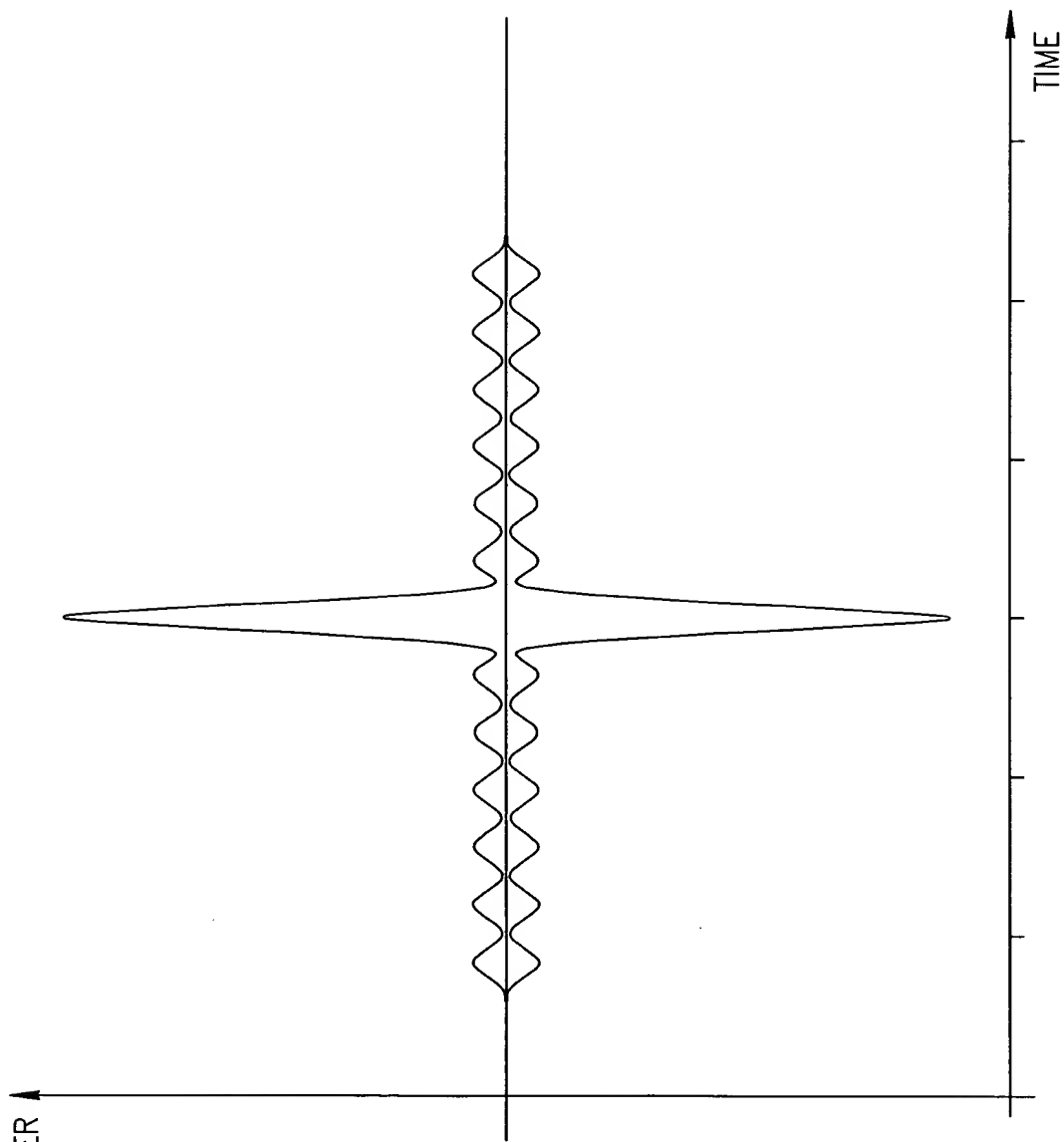


FIG. 9

0366229 = 4930

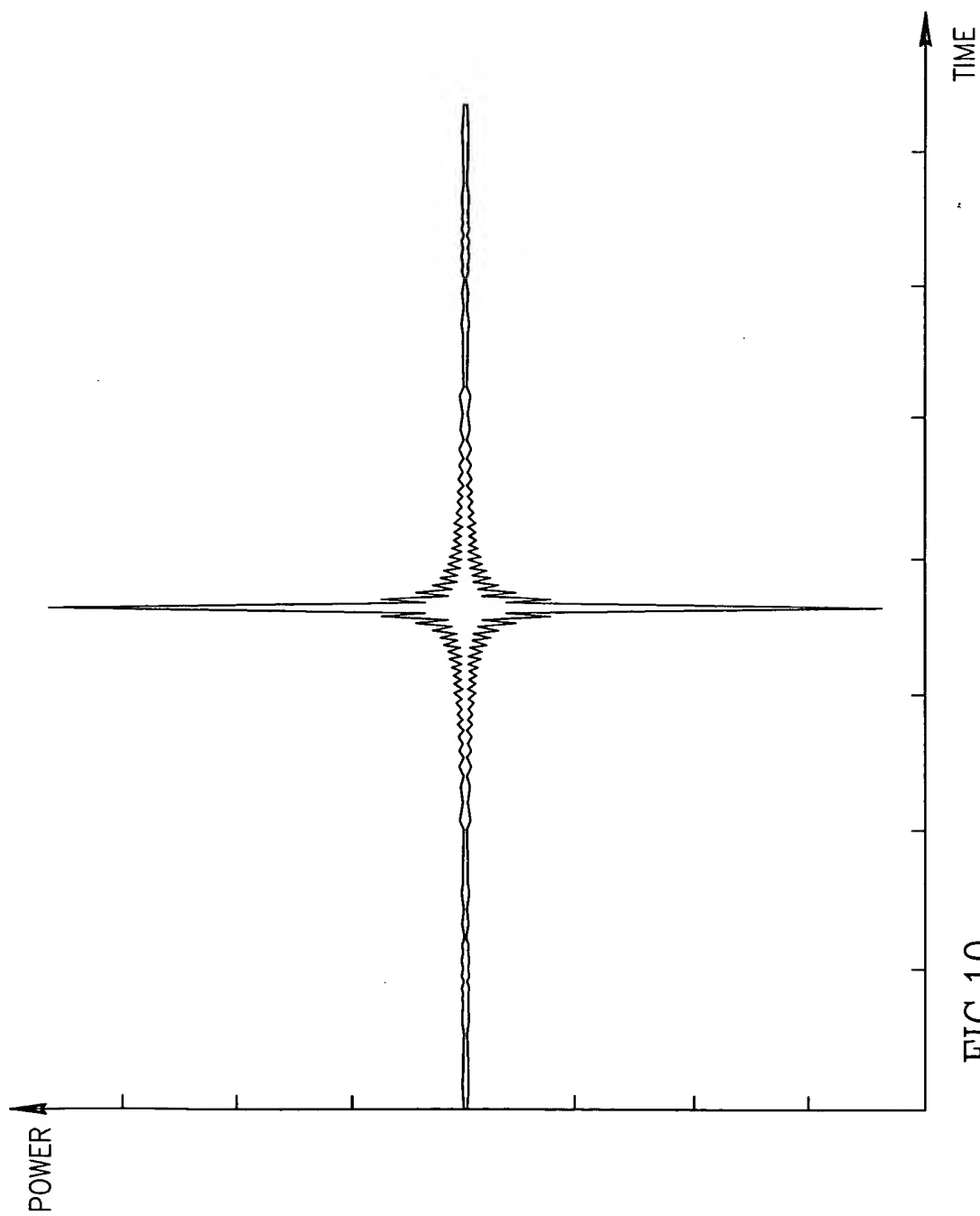


FIG.10

Abstract

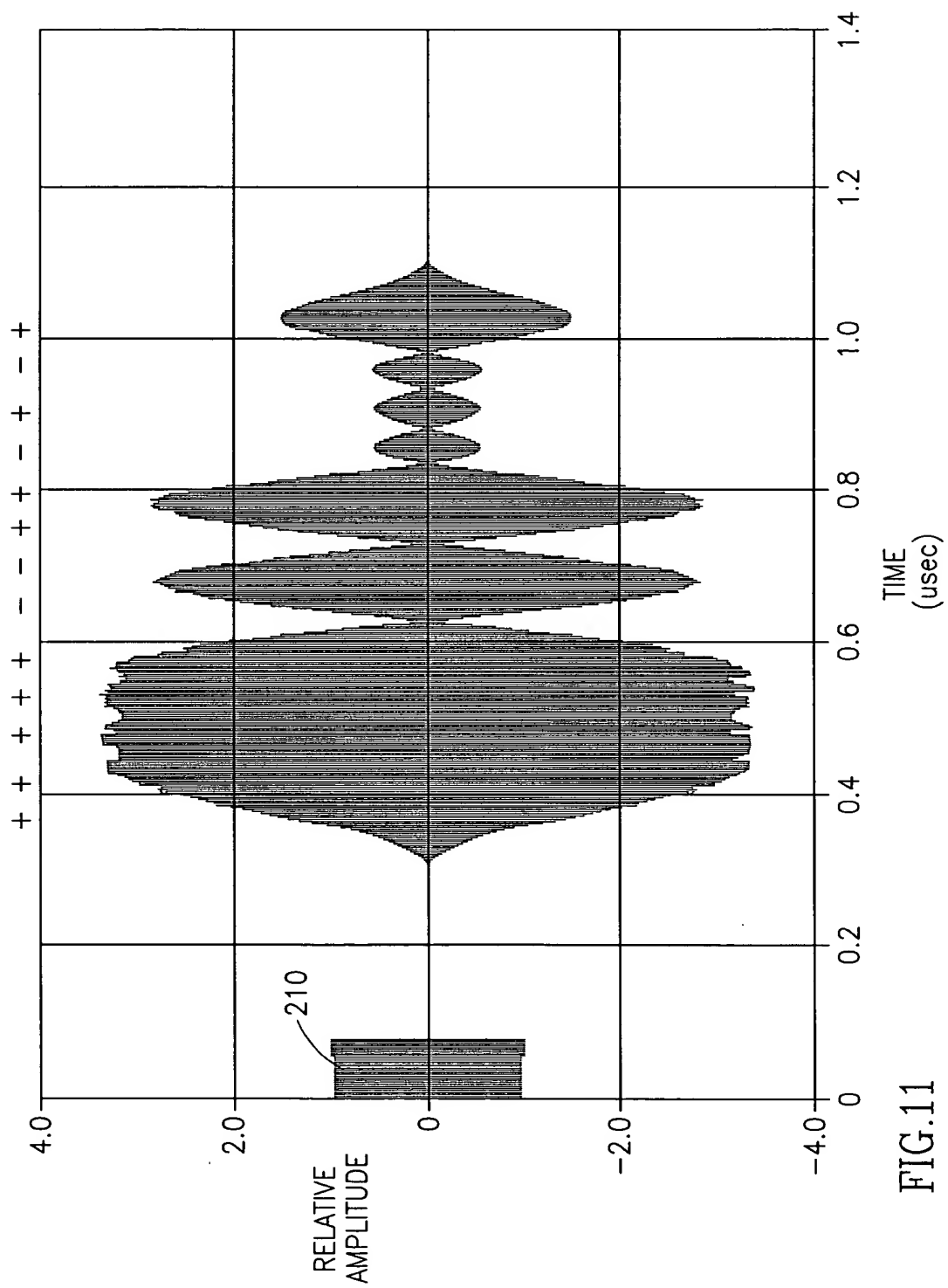
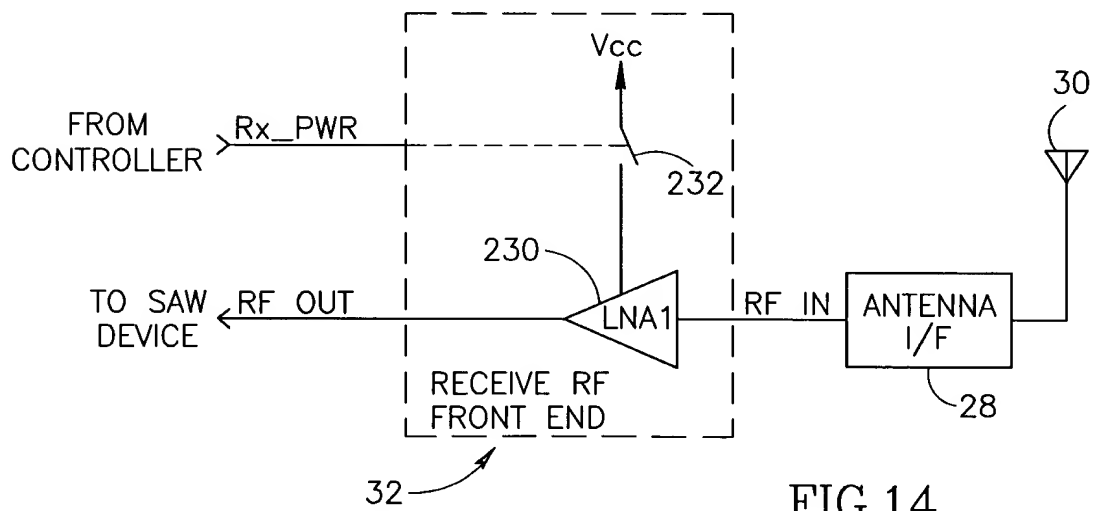


FIG. 11



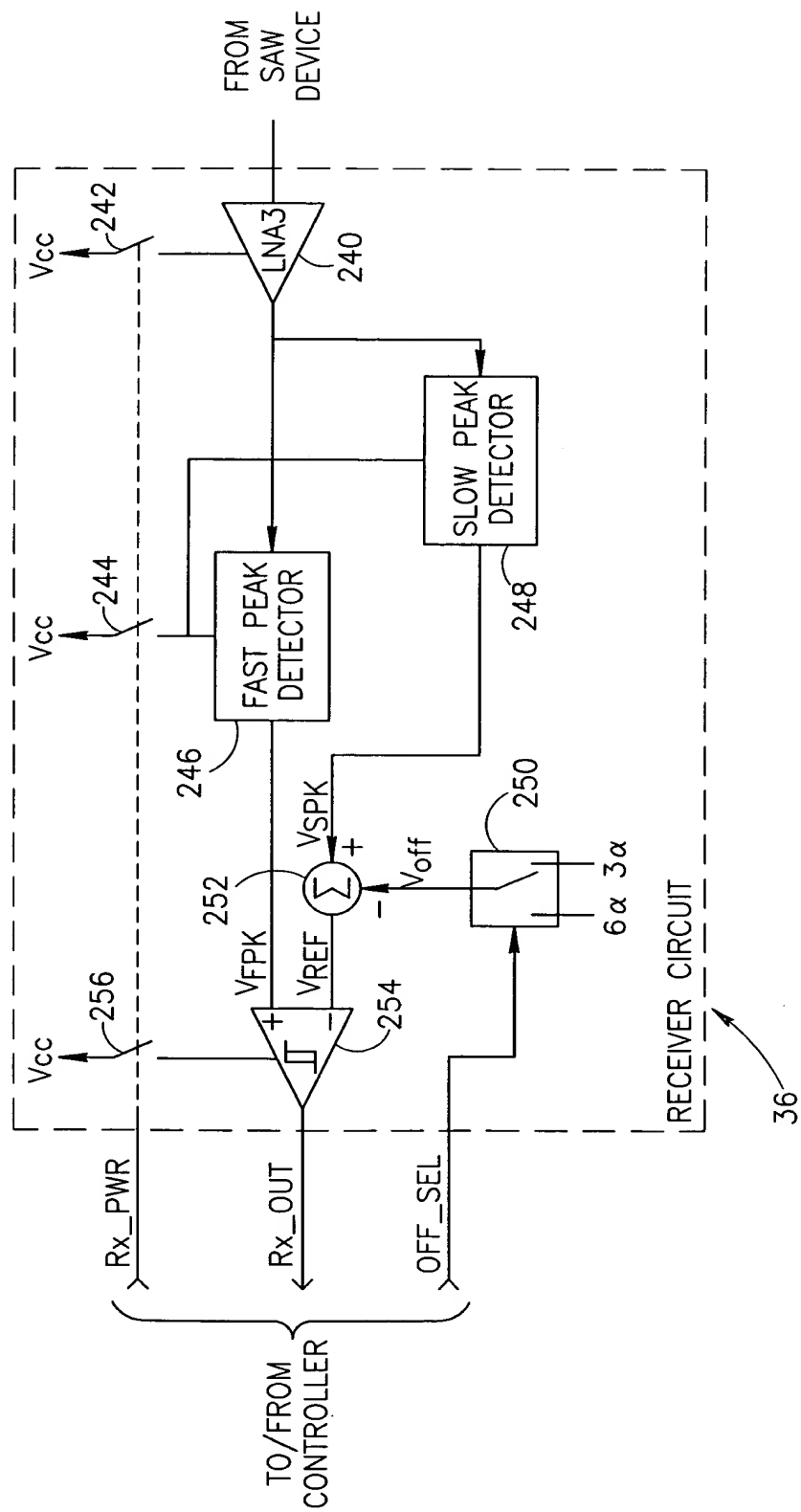


FIG.15

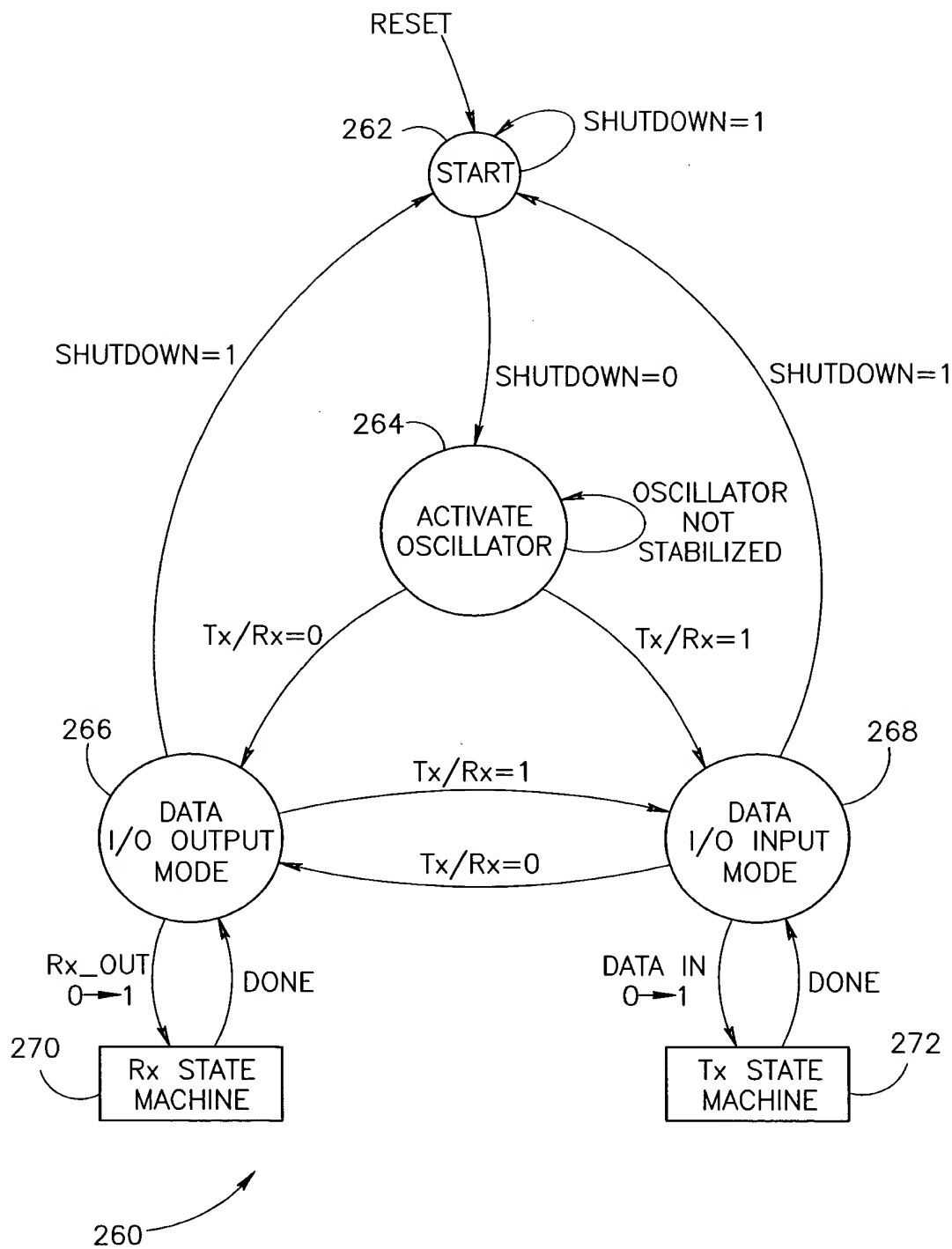


FIG.16

```
graph TD
    Start([START 280]) --> TD1([TIME DELAY 292])
    Start --> EP([ENABLE PULSE 282])
    TD1 --> TOA([TURN ON AMPLIFIER 294])
    TOA --> TD2([TIME DELAY 296])
    TD2 --> TOFA([TURN OFF AMPLIFIER 298])
    TOFA --> Done1([DONE])
    EP --> TD3([TIME DELAY 284])
    TD3 --> GP([GENERATE PULSE 286])
    GP --> TD4([TIME DELAY 288])
    TD4 --> DP([DISABLE PULSE 290])
    DP --> Done2([DONE])
    Done1 --> Start
    Done2 --> Start
```

272.

```

graph TD
    Rx_OUT[Rx_OUT 0 → 1] --> 300
    subgraph Rx_STATE_MACHINE [Rx STATE MACHINE]
        300([300 RAISE DATA OUT]) --> 302([302 TIME DELAY])
        302 --> 304([304 LOWER DATA OUT])
        304 --> 300
    end
    300 --> Output[TO/FROM DATA I/O OUTPUT MODE STATE]

```

FIG. 18

14

FIG.19

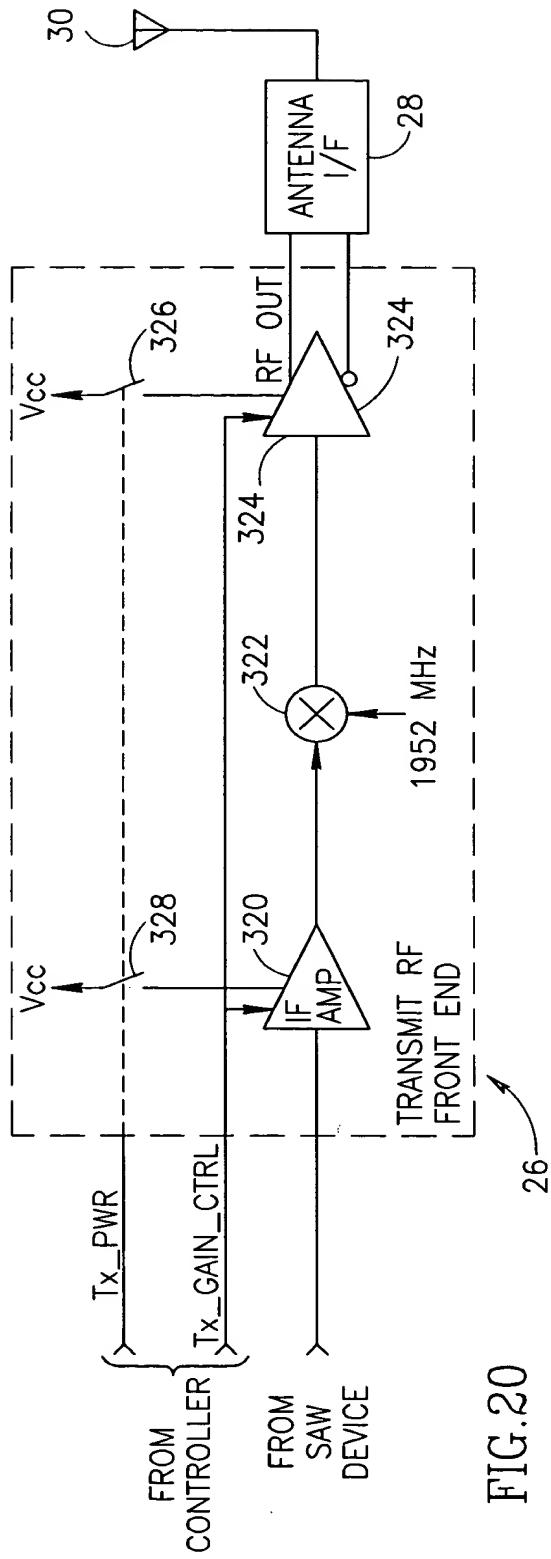


FIG. 20

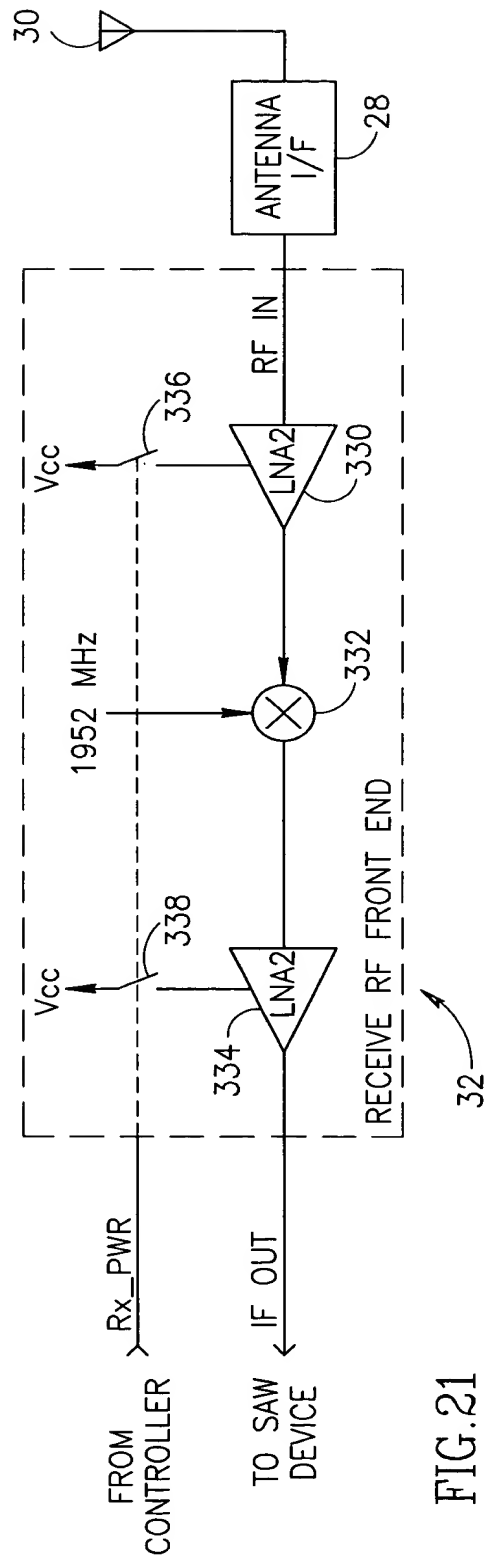


FIG. 21

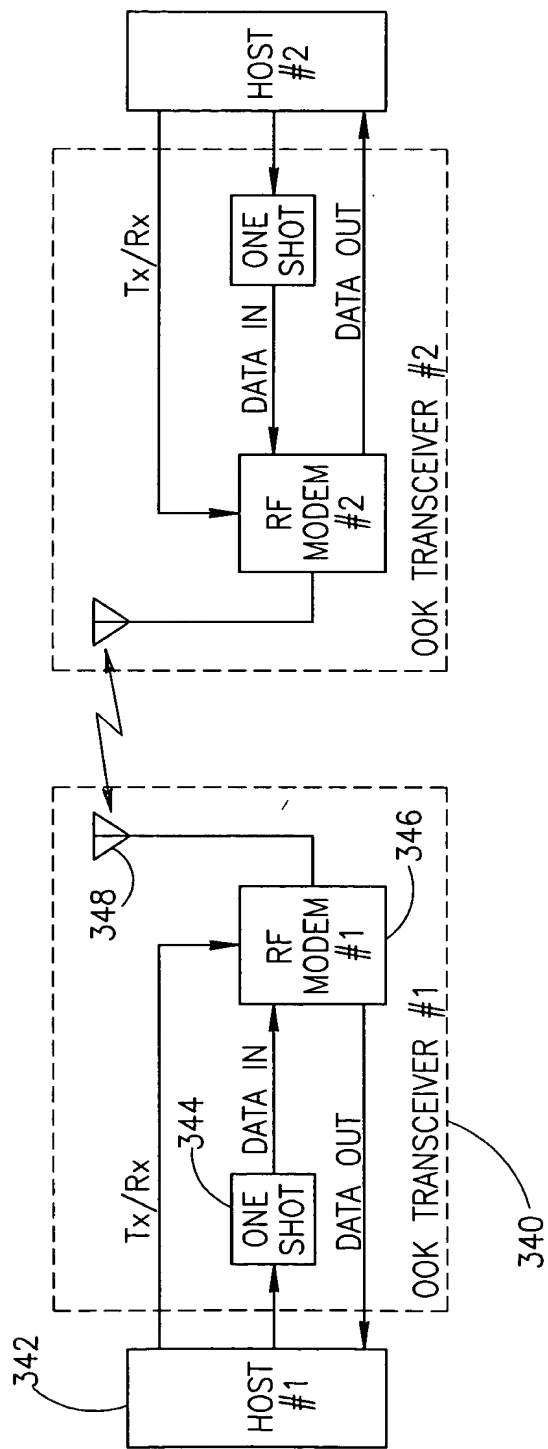


FIG.22

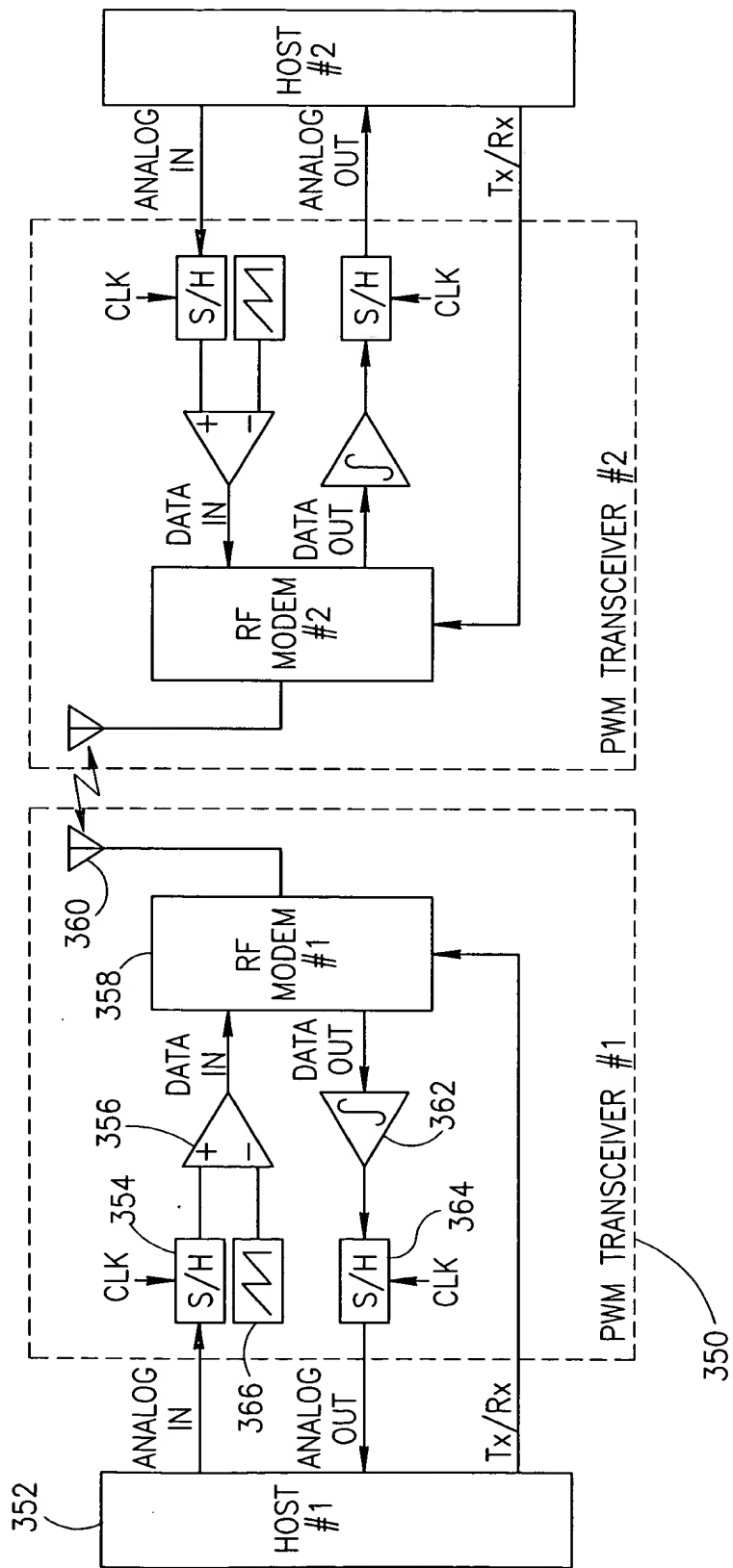


FIG.23

the 1990s, the number of people with access to the Internet has increased rapidly. In 1990, only 1.5 million people had access to the Internet, but by 2000, this number had increased to 100 million. This growth has been driven by a number of factors, including the increasing availability of computers and the Internet, the increasing use of the Internet for work and education, and the increasing use of the Internet for entertainment and social networking.

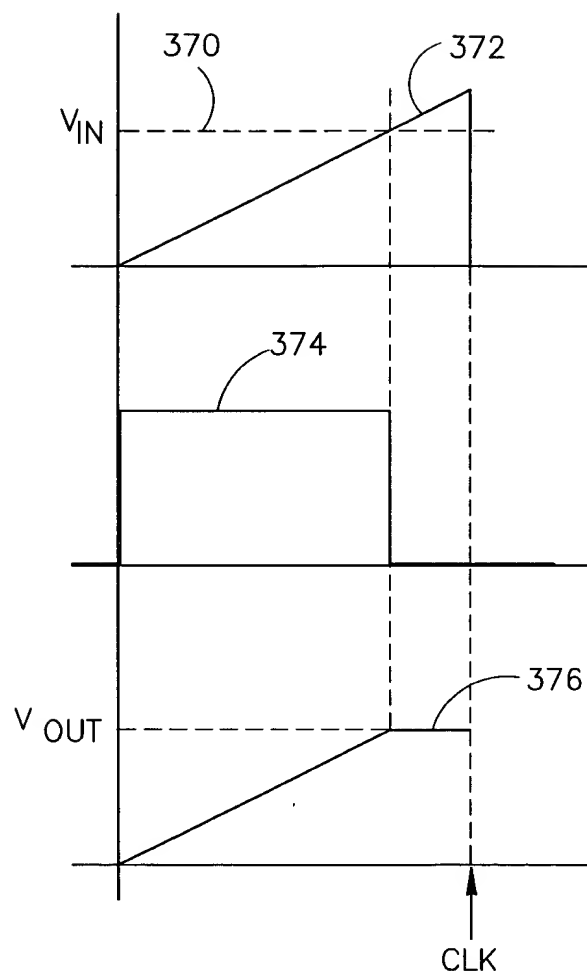


FIG.24

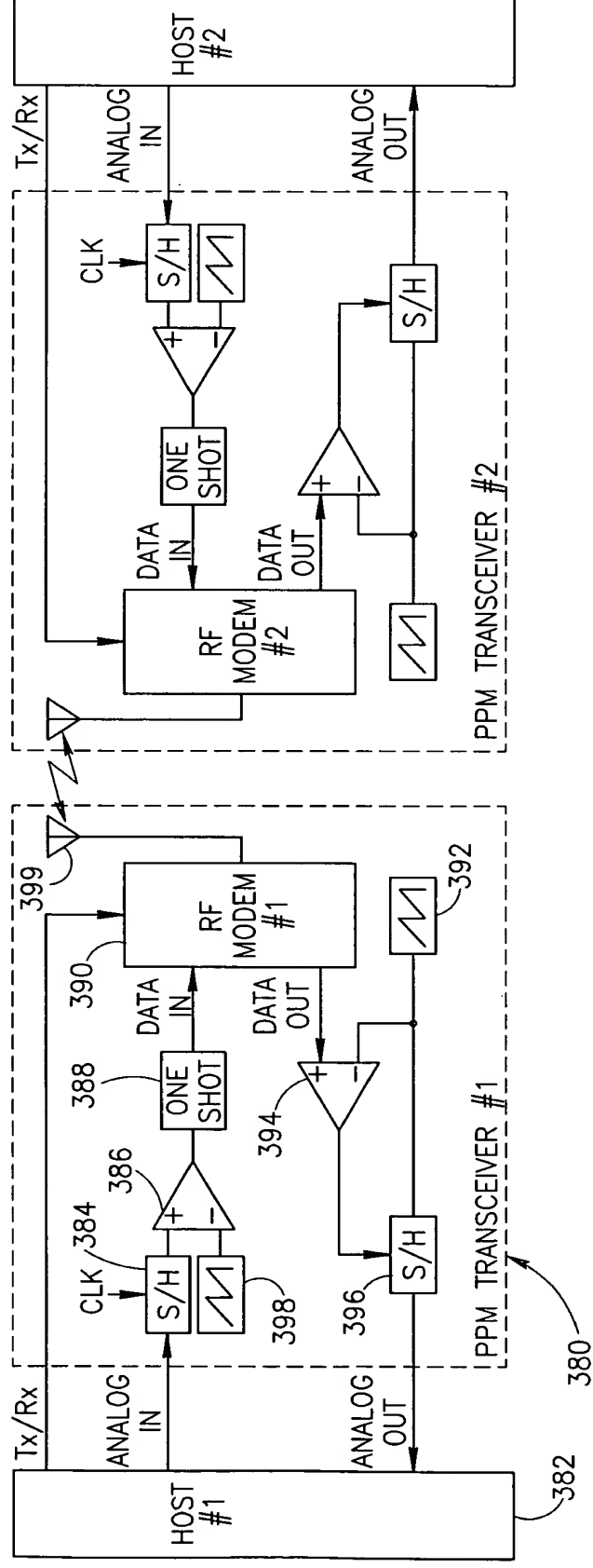


FIG.25

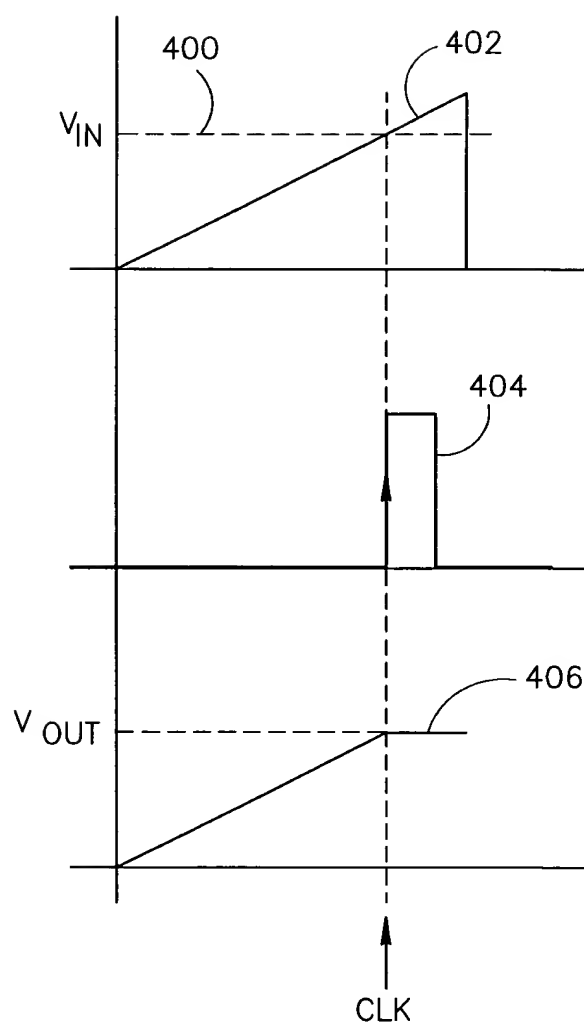


FIG.26

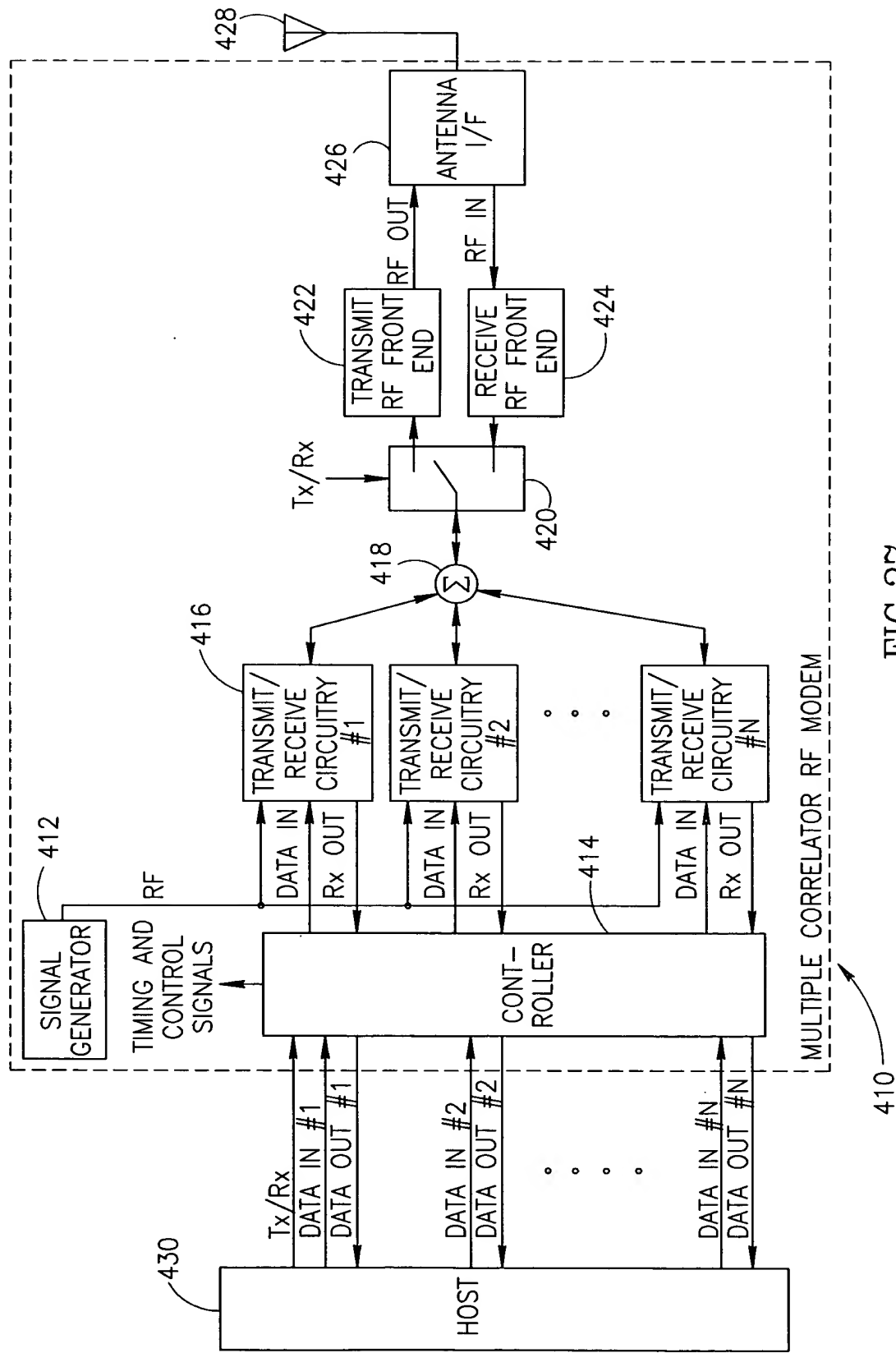


FIG.27

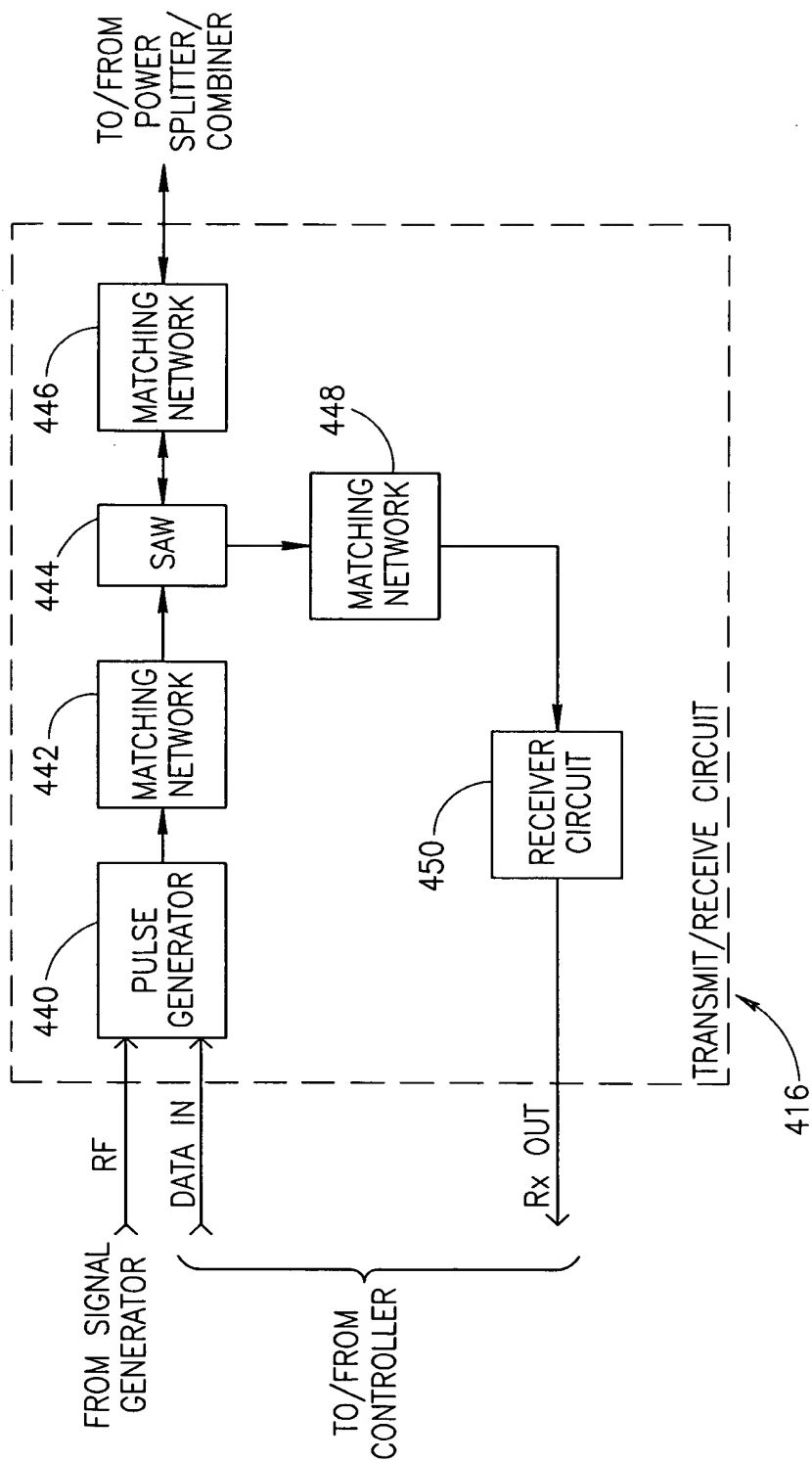


FIG.28